

B² ~~--~~A flocculent, *Saccharomyces cerevisiae* strain BPCC-15,
is deposited with USDA NRRL culture collection as NRRL Y-30630.
Under the conditions described herein, this yeast forms small, disc
shaped pellets which are maintained in suspension by stirring.
This yeast yields (when given a clear feed) a final beer which is
still clear [less than 0.5 g/L free cells (where free cells are
defined as a single and double budding yeast)] with yeast pellets
which settle more or less instantaneously (settling velocity of
from 1 to 4 cm/s) when stirring ceases. ~~---~~

IN THE CLAIMS:

B³ 1. (Amended) A biologically pure culture of
Saccharomyces cerevisiae strain which i) has the capability to
maintain a totally floc mode characterized by yeast pellets of 0.1
to 5mm diameter in a fermentation medium, ii) shows a yeast free
cell (single or budding double cells) of less than 0.5 g/L with a
yeast floc density as high as 100 g/L or higher, and iii) has a
limiting osmo-tolerance for ethanol productivity of about 5.0
os/kg.

2. (Amended) A biologically pure culture according to
claim 1 which is that of *Saccharomyces cerevisiae* BPSC-15 (NRRL Y-
30630).